

Converting Colors

Hex(E48F16)

Have a look what the booklet for
Hex(E48F16) contains.

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Color

Hex(E48F16)

Conversions

Conversions Part 1

Format	Color
Hex	E48F16
RGB	228, 143, 22
RGB Percent	89%, 56%, 9%
CMY	0.1059, 0.4392, 0.9137
CMYK	0.00, 0.37, 0.90, 0.11
HSL	35°, 82%, 49%
HSV	35°, 90%, 89%
XYZ	41.9622, 36.1968, 5.5341
YIQ	154.6210, 89.5010, -19.6110

Conversions

Conversions Part 2

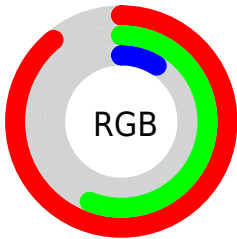
Format	Color
RYB	167, 228, 22
Decimal	14978838
CIELab	66.67, 24.39, 68.45
CIElCh	67, 72.665, 70.390
Yxy	36.1968, 0.5014, 0.4325
Android (android.graphics.Color)	4293168918 (0xFFE48F16)
YUV	154.6210, -65.3822, 64.3534
Hunter-Lab	60.1638, 19.2110, 36.6609

Details

The Hex color **E48F16** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **166BE4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC553**, and **A65C00** is the 20% darker color. If you saturate the color by 10%, you get **E48600**, and if you desaturate by 10%, it is **E4982D**.

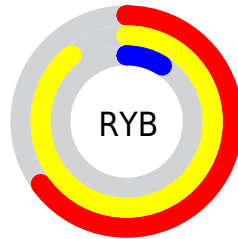
Distribution



Red (89%)

Green (56%)

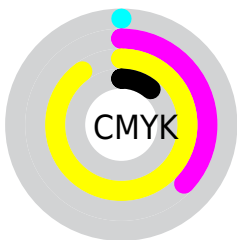
Blue (9%)



Red (65%)

Yellow (89%)

Blue (9%)

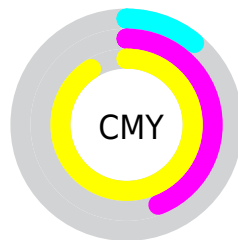


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E48F16 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E48F16 by changing the saturation by 10% instead.

 E48F16

 E48F16

FFFFFF

 C57500

 FFC553

 A65C00

 FFE16E

 884400

 FFFE89

 6B2D00

 FFFFA5

 4E1700

 FFFFC1

 330100

 FFFFDE

 160000

 FFFFFC

 000000

 E48F16

 E48F16

 E48600

 E4982D

 E4A244

 E4AB5A

 E4B571

 E4BE88

 E4C79F

 E4D1B6

 E4DACC

 E4E4E3

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF7350



E48F16



ADA600

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E48F16



00C0B8



C186FF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E48F16



166BE4

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28A2FF



E48F16



00BEF6

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E48F16



00BE74



00B5FF



FF69D0

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E48F16



7FB11E



00B5FF



A090FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E48F16



FFE3BA



E4166C



806F57



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E48F16



FF9600



D3E416



736E67



B36900



331E00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



166BE4



0069FF



2716E4



676C73



004AB3



001533

Previews

White Background



This preview shows how the Hex color E48F16 looks on a white background.

Color Contrast Check

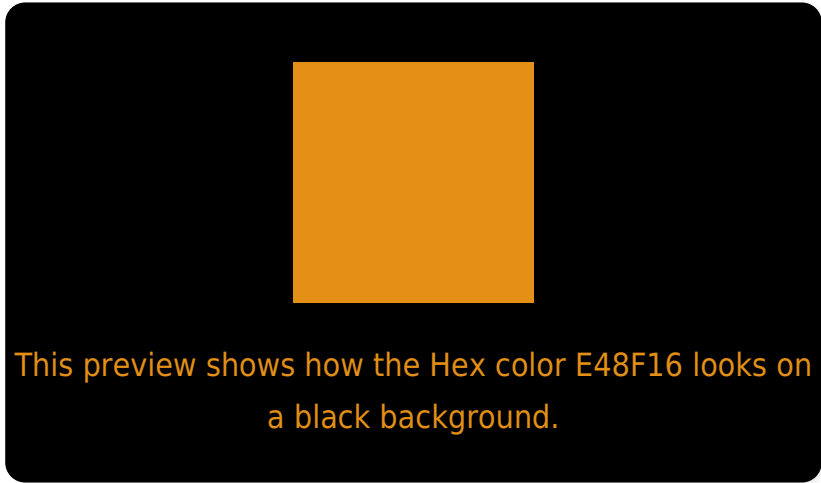
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E48F16 Background



This preview shows how black text looks on a background with the Hex color E48F16.



This preview shows how white text looks on a background with the Hex color E48F16.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
E48F16

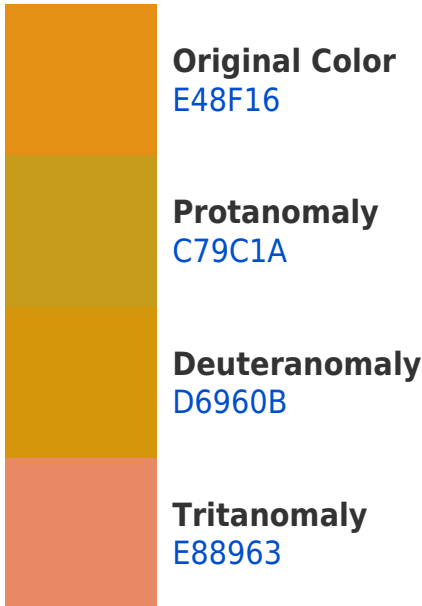
Protanopia
B7A31C

Deuteranopia
CE9A04

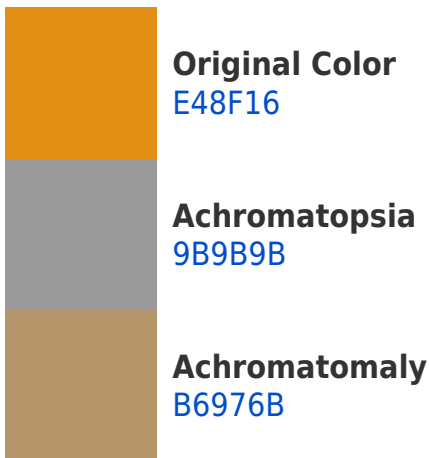


Tritanopia
EA858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E48F16 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E48F16 looks like.

```
.text, #text, p{  
    color:#E48F16  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E48F16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E48F16
}
```

Border

The CSS property to change the border of an element to Hex E48F16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E48F16 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E48F16 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E48F16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E48F16; -webkit-box-shadow:4px 4px  
4px 4px #E48F16; box-shadow:4px 4px 4px  
4px #E48F16 }
```

Background

The CSS property to change the background color of an element to Hex E48F16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E48F16 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E48F16 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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